Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 11 Sep 2022 until 23:59 on Monday 12 Sep 2022

Forecast Issued on Sunday 11 Sep 2022 at 01:11

Confidence: High confidence for overall forecast, but lower confidence for rainfall amounts on Monday morning.

Headline for Sunday 11 Sep 2022: Early low cloud, mist and fog lifting to give some brighter spells. Rain arriving from the west overnight.

Mountain weather hazards on Sunday 11 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Cloudy	Cloudy	Cloudy	Light rain	Light rain
Precipitation probability					
<05%	<05%	<05%	10%	30%	30%

Forecast for Sunday 11 Sep 2022

Weather: Low cloud, mist and fog at first, clearing and lifting above the summits by late morning. Staying dry with occasional brighter spells during the afternoon. Becoming increasingly cloudy from the west late afternoon, with some outbreaks of rain, locally heavy, arriving from early evening. Increasingly breezy.

Chance of cloud-free hill tops above 600m: 30% becoming 100%, before deteriorating again later.

Low cloud and visibility: After the clearance of any early morning mist or fog patches, visibility will be very good. From late morning cloud will increase, but the cloud base will remain well above the summits until the evening, when bases will drop towards 500m, with low cloud developing more widely overnight. Visibility also reducing, particularly with any rain or drizzle.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 11 Sep 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/10 S	9/12 S	13/17 S	14/20 S	13/20 S	16/25 S	20/30 S
300	6/8 SE	9/13 SE	11/17 S	12/18 S	9/16 S	13/21 S	13/20 S
Valley	5/8 E	5/10 SE	8/15 S	9/18 S	6/17 S	8/21 S	7/18 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	13/12	15/12	16/13	16/13	14/11	14/10
300	13/12	15/14	17/15	19/16	18/17	17/14	15/13
Valley	12/12	16/16	19/18	20/18	18/18	17/16	16/15
Freezing Level*	2600m	2500m	2500m	2500m	3400m	3500m	3500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigation will be difficult in hill fog early in the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 11 Sep 2022	0.6mm	3.8mm	6.2mm

Forecast for Monday 12 Sep 2022

Weather: A cloudy day, with outbreaks of rain, locally heavy at times. The rain is likely to clear south-eastwards overnight into Tuesday, with drier and clearer conditions following on behind.

Maximum wind: South-westerly 20mph, gusting 30mph at first.

Chance of cloud-free hill tops above 600m: 20%.

Low cloud and visibility: Extensive low cloud throughout the day, with bases down to 300-400m, especially first thing, before lifting to around 500-600m late morning onwards. Poor visibility in low cloud and rain throughout the day, but good in any dry spells and becoming excellent once rain clears later.

Temperature: **Valleys:** Plus 16 Celsius.
At 600m: Plus 14 Celsius.
Freezing level: Above the summits.

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